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Complete if Known

Application Number	10/631,220
Filing Date	07/30/2003
First Named Inventor	Richard T. Howard
Art Unit	2883
Examiner Name	Kalivoda, Christopher M.
Attorney Docket Number	MFS-31843-1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 6,072,631	06/06/2000	Guenther, et al.	
		US- 6,394,665	05/28/2002	Hayashi	
		US- 6,313,948	11/06/2001	Hanna	
		US- 6,157,756	12/05/2000	Ishiwata	
		US- 6,025,938	02/15/2000	Kathman, et al.	
		US- 5,859,945	01/12/1999	Kato, et al.	
		US- 5,148,317	09/15/1992	Foresi	
		US- 5,113,286	05/12/1992	Morrison	
		US- 5,581,683	12/03/1996	Bertignoll, et al.	
		US- 4,733,937	03/29/1988	Lia, et al.	
		US- 4,846,552	07/11/1989	Veldkamp, et al.	
		US- 5,718,496	02/17/1998	Feldman, et al.	
		US-			
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		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

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